

INTERNATIONAL SEARCH REPORT

IN 03/00416

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11C3/00 C11C3/10 C11B3/10 C10L1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11C C10L C11B C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | WO 03/066567 A (NEO ENERGY KOREA CO LTD ; YOO JEONG-WOO (KR)) 14 August 2003 (2003-08-14) page 4, line 34 -page 5, line 4 page 13, line 1 - line 8 example 6 claims 1-11 | 1-9 |
| Y | PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03, 29 March 1996 (1996-03-29) -& JP 07 310090 A (TENSEI SEIYU KK), 28 November 1995 (1995-11-28) abstract — -/- | 1-3,5,6 |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

28 June 2004

Date of mailing of the international search report

12/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dekeirel, M

INTERNATIONAL SEARCH REPORT

IN 03/00416

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | CHAI HON YEAN ET AL.: "Studies on the transesterification of glycerides: I: The methanolysis of tripalmitin catalysed by diorganotin (IV) compounds" APPLIED ORGANOMETALLIC CHEMISTRY, vol. 14, no. 6, 2000, pages 304-315, XP008032116 GBHARLOW page 306; table 1 | 4 |
| Y | G. ANTOLIN ET AL.: "Optimisation of biodiesel production by sunflower oil transesterification" BIORESOURCE TECHNOLOGY., vol. 83, no. 2, 2002 - 2002, pages 111-114, XP002286047 GBELSEVIER. page 113; table 3 | 7,9 |
| Y | US 5 525 126 A (BASU HEMENDRA N ET AL) 11 June 1996 (1996-06-11) cited in the application column 4, line 60 -column 5, line 2 examples 1-13 | 8 |
| A | GB 2 072 167 A (LION CORP) 30 September 1981 (1981-09-30) page 2, line 58 -page 3, line 7 example 3 claims 1,4,7 | 1-3,5 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

IN 03/00416

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|---|--|
| WO 03066567 | A | 14-08-2003 | KR 2003066246 A WO 03066567 A1 | 09-08-2003 14-08-2003 |
| JP 07310090 | A | 28-11-1995 | NONE | |
| US 5525126 | A | 11-06-1996 | NONE | |
| GB 2072167 | A | 30-09-1981 | JP 1487331 C JP 56120799 A JP 62012840 B DE 3107318 A1 US 4371470 A | 23-03-1989 22-09-1981 20-03-1987 17-12-1981 01-02-1983 |